

Welcome to STN International! Enter x:x

LOGINID:sssptal600rxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	Feb 24	PCTGEN now available on STN
NEWS	4	Feb 24	TEMA now available on STN
NEWS	5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	6	Feb 26	PCTFULL now contains images
NEWS	7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	8	Mar 24	PATDPAFULL now available on STN
NEWS	9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	10	Apr 11	Display formats in DGENE enhanced
NEWS	11	Apr 14	MEDLINE Reload
NEWS	12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
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NEWS	18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
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NEWS	20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
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NEWS	27	Jul 21	Polymer class term count added to REGISTRY
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NEWS	29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS	30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS	31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS	32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS	33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS	34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS	35	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS	36	AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS	37	AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation

NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 07:51:40 ON 29 AUG 2003

=> fil casreactt
'CASREACTT' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'HOME'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> fil casreact		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CASREACT' ENTERED AT 07:51:57 ON 29 AUG 2003
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FILE CONTENT:1907 - 24 Aug 2003 VOL 139 ISS 8

Some records from 1974 to 1991 are derived from the ZIC/VINITI data file and provided by InfoChem and some records are produced using some INPI data from the period prior to 1986.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Crossover limits have been increased. See HELP RNCROSSOVER for details.

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=>

Page 3 08/29/2003

Uploading 10054462.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 07:52:13 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s l1 full

FULL SEARCH INITIATED 07:52:16 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1 (0 REACTIONS)

=>

Uploading 10054462.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 07:52:50 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4 (0 REACTIONS)

=> s l4 full

FULL SEARCH INITIATED 07:52:53 FILE 'CASREACT'

SCREENING COMPLETE - 162 REACTIONS TO VERIFY FROM 23 DOCUMENTS

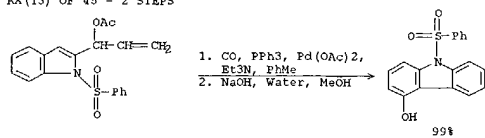
100.0% DONE 162 VERIFIED 2 HIT RXNS 1 DOCS
SEARCH TIME: 00.00.01

L6 1 SEA SSS FUL L4 (2 REACTIONS)

=> d

L6 ANSWER 1 OF 1 CASREACT COPYRIGHT 2003 ACS on STN

RX(13) OF 45 - 2 STEPS



REF: U.S. Pat. Appl. Publ., 2002099223, 25 Jul 2002

Welcome to STN International! Enter x:x

LOGINID:sssptal600rxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:49:49 ON 29 AUG 2003

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:50:00 ON 29 AUG 2003

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STRUCTURE FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

DICTIONARY FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

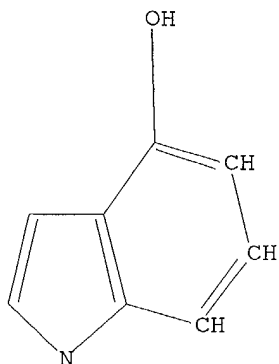
Uploading 10054462.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 09:50:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 10840 TO ITERATE

9.2% PROCESSED 1000 ITERATIONS 6 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 210566 TO 223034
PROJECTED ANSWERS: 817 TO 1783

L2 6 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 09:50:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 218861 TO ITERATE

100.0% PROCESSED 218861 ITERATIONS (3 INCOMPLETE) 713 ANSWERS
SEARCH TIME: 00.00.01

L3 713 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
148.15	148.36

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 09:50:20 ON 29 AUG 2003
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FILE COVERS 1907 - 29 Aug 2003 VOL 139 ISS 10
FILE LAST UPDATED: 28 Aug 2003 (20030828/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3/p
L4 329 L3/P

=> fil reg	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.42	148.78

FILE 'REGISTRY' ENTERED AT 09:50:26 ON 29 AUG 2003
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STRUCTURE FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3
DICTIONARY FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

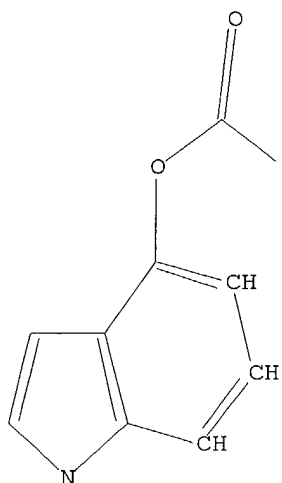
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 10054462.str

L5 STRUCTURE UPLOADED

=> d
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 09:51:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 908 TO ITERATE

100.0% PROCESSED 908 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 16353 TO 19967
PROJECTED ANSWERS: 5 TO 233

L6 5 SEA SSS SAM L5

=> s 15 full

FULL SEARCH INITIATED 09:51:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 17999 TO ITERATE

100.0% PROCESSED 17999 ITERATIONS 104 ANSWERS
SEARCH TIME: 00.00.01

L7 104 SEA SSS FUL L5

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.15	296.93

FILE 'CAPLUS' ENTERED AT 09:51:16 ON 29 AUG 2003
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FILE COVERS 1907 - 29 Aug 2003 VOL 139 ISS 10
FILE LAST UPDATED: 28 Aug 2003 (20030828/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 09:49:49 ON 29 AUG 2003)

FILE 'REGISTRY' ENTERED AT 09:50:00 ON 29 AUG 2003

L1 STRUCTURE UPLOADED
L2 6 S L1
L3 713 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:50:20 ON 29 AUG 2003

L4 329 S L3/P

FILE 'REGISTRY' ENTERED AT 09:50:26 ON 29 AUG 2003

L5 STRUCTURE UPLOADED
L6 5 S L5
L7 104 S L5 FULL

FILE 'CAPLUS' ENTERED AT 09:51:16 ON 29 AUG 2003

=> s l7 and l4

72 L7
L8 28 L7 AND L4

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	297.35

FILE 'REGISTRY' ENTERED AT 09:51:27 ON 29 AUG 2003
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STRUCTURE FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3
DICTIONARY FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

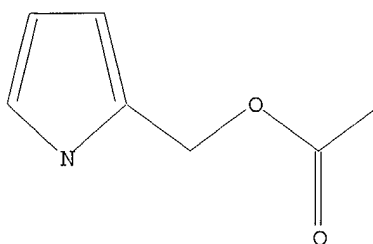
Uploading 10054462.str

L9 STRUCTURE UPLOADED

=> d

L9 HAS NO ANSWERS

L9 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 19 full

FULL SEARCH INITIATED 09:52:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 7444 TO ITERATE

100.0% PROCESSED 7444 ITERATIONS

667 ANSWERS

SEARCH TIME: 00.00.01

L10 667 SEA SSS FUL L9

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.55

445.90

FILE 'CAPLUS' ENTERED AT 09:52:36 ON 29 AUG 2003

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FILE COVERS 1907 - 29 Aug 2003 VOL 139 ISS 10

FILE LAST UPDATED: 28 Aug 2003 (20030828/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 09:49:49 ON 29 AUG 2003)

FILE 'REGISTRY' ENTERED AT 09:50:00 ON 29 AUG 2003

L1 STRUCTURE UPLOADED
L2 6 S L1
L3 713 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:50:20 ON 29 AUG 2003

L4 329 S L3/P

FILE 'REGISTRY' ENTERED AT 09:50:26 ON 29 AUG 2003

L5 STRUCTURE UPLOADED
L6 5 S L5
L7 104 S L5 FULL

FILE 'CAPLUS' ENTERED AT 09:51:16 ON 29 AUG 2003

L8 28 S L7 AND L4

FILE 'REGISTRY' ENTERED AT 09:51:27 ON 29 AUG 2003

L9 STRUCTURE UPLOADED
L10 667 S L9 FULL

FILE 'CAPLUS' ENTERED AT 09:52:36 ON 29 AUG 2003

=> s l10

L11 558 L10

=> s l7

L12 72 L7

=> s l4 and l12

L13 28 L4 AND L12

=> s l13 and l11

L14 2 L13 AND L11

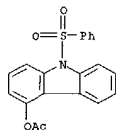
=> d ibib abs hitstr 1-2

L14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002:556143 CAPLUS
 DOCUMENT NUMBER: 137:125080
 TITLE: Process for preparing heterocyclic indene analogs by cyclocarbonylation at moderate temperatures and catalyst loading
 INVENTOR(S): Scalone, Michelangelo; Zeibig, Thomas Albert
 PATENT ASSIGNEE(S): Switz.
 SOURCE: U.S. Pat. Appl. Publ., 19 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

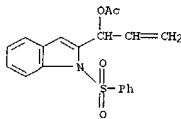
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002099223	A1	20020725	US 2002-54462	20020122
WO 2002059089	A2	20020801	WO 2002-EF583	20020122
WO 2002059089	A3	20021031		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GN, GU, GW, ML, MR, NE, SN, TD, TG

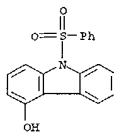
PRIORITY APPLN. INFO.: EP 2001-101584 A 20010125
 OTHER SOURCE(S): CASREACT 137:125080; MARPAT 137:125080
 AB A process for the prepn. heterocyclic indene analogs, esp. with the prepn. of 4-hydroxycarbazole or N-protected 4-hydroxycarbazole, involves cyclocarbonylation followed by sapon. This process avoids high temps. and high catalyst loadings.
 IT 444105-38-8P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate; process for prepn. heterocyclic indene analogs by cyclocarbonylation at moderate temps. and catalyst loading)
 RN 444105-38-8 CAPLUS
 CN 9H-Carbazol-4-ol, 9-(phenylsulfonyl)-, acetate (ester) (9CI) (CA INDEX NAME)



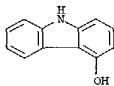
L14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



L14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 IT 444105-39-9P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and deprotection; process for prepn. heterocyclic indene analogs by cyclocarbonylation at moderate temps. and catalyst loading)
 RN 444105-39-9 CAPLUS
 CN 9H-Carbazol-4-ol, 9-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

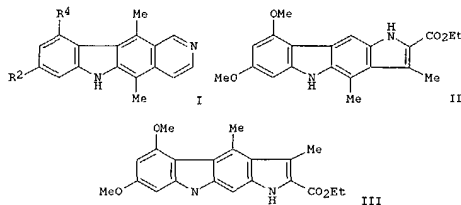


IT 52602-39-8P, 4-Hydroxy-9H-carbazole
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (process for prepn. heterocyclic indene analogs by cyclocarbonylation at moderate temps. and catalyst loading)
 RN 52602-39-8 CAPLUS
 CN 9H-Carbazol-4-ol (9CI) (CA INDEX NAME)

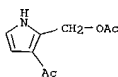


IT 444105-36-6P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (process for prepn. heterocyclic indene analogs by cyclocarbonylation at moderate temps. and catalyst loading)
 RN 444105-36-6 CAPLUS
 CN 1H-Indol-2-methanol, .alpha.-ethenyl-1-(phenylsulfonyl)-, acetate (ester) (9CI) (CA INDEX NAME)

L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1996:192108 CAPLUS
 DOCUMENT NUMBER: 124:317028
 TITLE: Anti-tumor heterocycles. Part 13. The syntheses of two new pyridocarbazoles (ellipticines) and some pyrrolocarbazole analogs
 AUTHOR(S): Chunchatprasert, Laddawan; Dharmasena, Priyanthi; Oliveira-Campos, Ana M. F.; Queiroz, Maria J. R. P.; Raposo, Maria M. M.; Shannon, Patrick V. R.
 CORPORATE SOURCE: Dep. Chem., Univ. Wales College Cardiff, Cardiff, CF1 3TB, UK
 SOURCE: Journal of Chemical Research, Synopses (1996), (2), 84-5
 CODEN: JRPSCD; ISSN: 0308-2342
 PUBLISHER: Royal Society of Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI



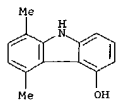
AB Two different strategies are used for the synthesis of 10-hydroxyellipticine I (R2 = H, R4 = OH) and 8,10-dimethoxyellipticine II (R2 = R4 = OMe); the pyrrolo[3,2-b]carbazole I and pyrrolo[2,3-b]carbazole III analogs of the dimethoxyellipticine are also synthesized.
 IT 176385-80-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (prepn. of pyridocarbazoles and pyrrolocarbazole analogs)
 RN 176385-80-1 CAPLUS
 CN Ethanone, 1-[2-[(acetyloxy)methyl]-1H-pyrrol-3-yl]- (9CI) (CA INDEX NAME)



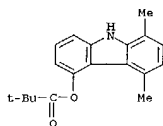
IT 159116-61-7P 159116-62-8P 159116-63-9P
 159116-71-9P 159116-72-0P 159116-73-1P
 159116-76-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
(prepn. of pyridocarbazoles and pyrrolocarbazole analogs)

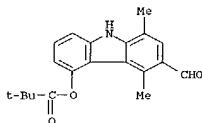
RN 159116-61-7 CAPLUS
CN 9H-Carbazol-4-ol, 5,8-dimethyl- (9CI) (CA INDEX NAME)



RN 159116-62-8 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, 5,8-dimethyl-9H-carbazol-4-yl ester (9CI)
(CA INDEX NAME)

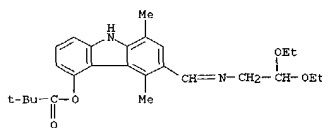


RN 159116-63-9 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, 6-formyl-5,8-dimethyl-9H-carbazol-4-yl ester (9CI) (CA INDEX NAME)

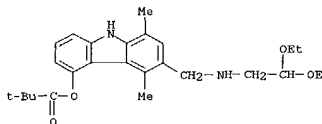


RN 159116-71-9 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, 6-[[[(2,2-diethoxyethyl)imino]methyl]-5,8-dimethyl-9H-carbazol-4-yl ester (9CI) (CA INDEX NAME)

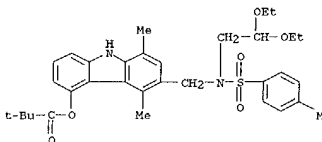
L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 159116-72-0 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, 6-[[[(2,2-diethoxyethyl)amino]methyl]-5,8-dimethyl-9H-carbazol-4-yl ester (9CI) (CA INDEX NAME)

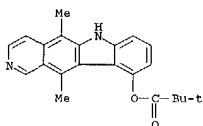


RN 159116-73-1 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, 6-[[[(2,2-diethoxyethyl)[(4-methylphenyl)sulfonyl]amino]methyl]-5,8-dimethyl-9H-carbazol-4-yl ester (9CI) (CA INDEX NAME)



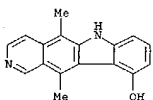
RN 159116-76-4 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, 5,11-dimethyl-6H-pyrido[4,3-b]carbazol-10-yl ester (9CI) (CA INDEX NAME)

L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



IT 83201-12-1P
RL: SPN (Synthetic preparation); PREF (Preparation)
(prepn. of pyridocarbazoles and pyrrolocarbazole analogs)

RN 83201-12-1 CAPLUS
CN 6H-Pyrido[4,3-b]carbazol-10-ol, 5,11-dimethyl- (9CI) (CA INDEX NAME)



=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	12.83	458.73
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.30	-1.30

FILE 'STNGUIDE' ENTERED AT 09:57:51 ON 29 AUG 2003
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

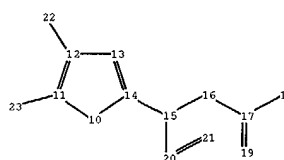
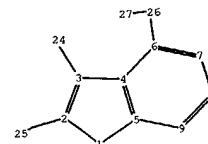
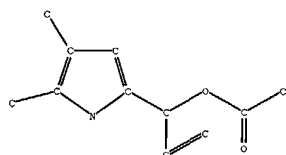
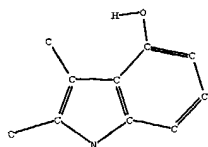
LAST RELOADED: Aug 22, 2003 (20030822/UP).

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STN INTERNATIONAL LOGOFF AT 09:58:27 ON 29 AUG 2003

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ring nodes :
  1 2 3 4 5 6 7 8 9 10 11 12 13 14
ring/chain nodes :
  18 22 23 24 25
chain bonds :
  2-25 3-24 6-26 11-23 12-22 14-15 15-16 15-20 16-17 17-18 17-19
  20-21 26-27
ring bonds :
  1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 10-14 11-12
  12-13 13-14
exact/norm bonds :
  1-2 1-5 2-3 3-4 6-26 10-11 10-14 11-12 12-13 13-14 15-16 16-17
  17-19
exact bonds :
  2-25 3-24 11-23 12-22 14-15 15-20 17-18 20-21 26-27
normalized bonds :
  4-5 4-6 5-9 6-7 7-8 8-9

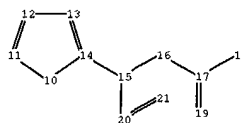
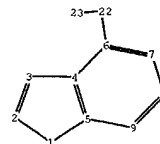
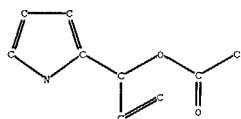
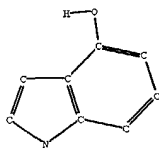
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Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS
 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS
 25:CLASS 26:CLASS 27:CLASS
fragments assigned product role:
  containing 1
fragments assigned reactant/reagent role:

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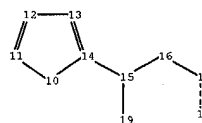
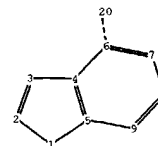
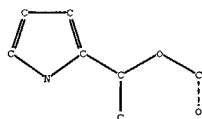
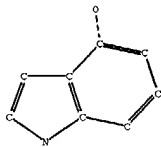
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chain nodes :
 15 16 17 19 20 21 22 23
ring nodes :
 1 2 3 4 5 6 7 8 9 10 11 12 13 14
ring/chain nodes :
 18
chain bonds :
 6-22 14-15 15-16 15-20 16-17 17-18 17-19 20-21 22-23
ring bonds :
 1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 10-14 11-12
 12-13 13-14
exact/norm bonds :
 1-2 1-5 2-3 3-4 6-22 10-11 10-14 11-12 12-13 13-14 15-16 16-17
 17-19
exact bonds :
 14-15 15-20 17-18 20-21 22-23
normalized bonds :
 4-5 4-6 5-9 6-7 7-8 8-9
```

```
Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
fragments assigned product role:
  containing 1
fragments assigned reactant/reagent role:
  containing 10
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C:\STNEXP4\QUERIES\10054462.str



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chain nodes :
  15 16 17 18 19 20
ring nodes :
  1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
  6-20 14-15 15-16 15-19 16-17 17-18
ring bonds :
  1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 10-14 11-12
  12-13 13-14
exact/norm bonds :
  1-2 1-5 2-3 3-4 6-20 10-11 10-14 11-12 12-13 13-14 15-16 16-17
  17-18
exact bonds :
  14-15 15-19
normalized bonds :
  4-5 4-6 5-9 6-7 7-8 8-9

```

```

Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
  10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS
  18:CLASS 19:CLASS 20:CLASS
fragments assigned product role:
  containing 1
fragments assigned reactant/reagent role:
  containing 10

```